

**BIOLOGICAL MODELS CAPABLE OF EXHIBITING SECONDARY DISEASE
MANIFESTATIONS AND USEFUL FOR DEVELOPING THERAPEUTIC DRUGS,
DIAGNOSTIC PRODUCTS AND THERAPEUTIC OR DIAGNOSTIC PROCEDURES,
METHODS OF USING SAME, AND CELLS, TISSUES AND ORGANS DERIVED
THEREFROM**

Abstract of the Disclosure

This invention provides novel animal models for a human pathogen that is capable of exhibiting analogous secondary disease manifestation. Other animal models for a human pathogen are provided by this invention which are capable of exhibiting analogous secondary disease manifestations and are also capable of responding to therapeutic or preventive measures to such secondary disease manifestations. Other animal models for human retrovirus infections are provided including lower primates and primate excluding any members of the order Anthroidea. Compositions, drugs, products and procedures for therapeutic and diagnostic applications derived from the animal models of this invention are also described and provided.